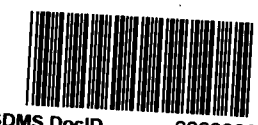
ORIGINAL

DRAFT

STATEMENT OF WORK



INVESTIGATION AND REMOVAL OF MUNITIONS AND EXPLOSIVES OF CONCERN AND EXPLOSIVES CONTAMINATED SOIL ELKTON FARMS FIREHOLE (TRIUMPH EXPLOSIVES) ELKTON, MARYLAND

1.0 OBJECTIVE. Munitions and Explosives of Concern (MEC) as well as Munitions Constituents (MC), which refers to explosives contaminated soil are found at the Elkton Farms Firehole site in Elkton, Maryland. The site is the former disposal area for Triumph Explosives, a World War II ordnance manufacturer. There are a minimum of four suspect burn pits at the site where off-specification MEC was burned/detonated. The objective of this task order is to conduct investigations for the purpose of finding MEC in burn pits and the surrounding approximately 170 acres of farmed fields and disposing of these items as well as disposal of soil contaminated by the former MEC disposal operations at the site. The Contractor shall provide the personnel and perform activities that are required to complete all tasks identified in this Statement of Work (SOW).

2.0 REQUIREMENTS. The work necessary under this SOW is required to be in compliance with the U.S. Army Corps of Engineers (USACE) munitions response guidelines. The work described in this SOW is not currently viewed as a Defense Environmental Restoration Program--Formerly Used Defense Sites (DERP-FUDS) project, so any provisions pertaining specifically to FUDS may not be applicable to this project. For the sake of convenience, FUDS guidance documents and Military Munitions Response Program (MMRP) Data Item Descriptions (DID) will be referred to in this SOW because they provide pertinent direction for this work.

2.0.1 Safety. MEC is a safety hazard that may constitute an imminent and substantial endangerment to site personnel and the local populace. Workers on site shall adhere to the applicable provisions of 29 CFR 1910.120. During the MEC response action, it is the Government's intent that the Contractor work through the U.S. Army Corps of Engineers, North Atlantic Division, Baltimore District (CENAB) OE Safety Specialist (OESS) to ensure that MEC encountered on-site is appropriately disposed of. The Contractor's work is to be performed in accordance with all relevant and appropriate rules and regulations. The Contractor will not remove any MEC without following the standards set up in the approved Work Plan, Site Safety and Health Plan (DID OE-005-05-01) plan and other DIDs. The U.S. Environmental Protection Agency (USEPA) has provided their Draft Health and Safety Plan, Elkton Farm Firehole Site (MD-433), Elkton, Maryland, to be used as the basis for the contractor provided Site Specific Health and Safety Plan (SSHP). The USEPA document will be reviewed and modified to incorporate the requirements of the Department of Defense (DOD)/Corps of Engineer Guidelines.

ORIGINAL

2.0.2 Chemical Warfare Materiel (CWM). There is no record or evidence of suspect CWM at this site. However, if suspect CWM is encountered during any phase of site activities, the Contractor shall withdraw upwind from the work area, secure the site, and contact the CENAB OESS.

2.1 GENERAL SITE INFORMATION

2.1.1 Location. The site of approximately 170 acres is located in Elkton, Cecil County, Maryland on both sides of Zeitler Road at approximate longitude 75° 52' 30". The USEPA On Scene Coordinator (OSC) has identified 4 potential burn pits based on field recon, sampling, as well as historical data. These burn pits are located in line with a small single lane unpaved road that enters the site, south off of Zeitler Road.

2.1.2 History. Documented evidence provided and incorporated in the Risk Assessment Procedures For Military Munitions Response Projects (form ER-200-3-1) for the site indicates that:

"The site was a Government Owned –Contractor Operated (GOCO) facility. The U.S. Navy paid for the construction of over 500 buildings to be used by the contractor Triumph Explosives Inc. (TEI) for the manufacture of ordnance (40 mm shells) and other ordnance related products. Title to the buildings remained with the Navy (DOD until they were sold to Thiokol in 1946). It is also noted that between October 1942 and February 1943 the Navy was authorized under executive order to "take possession and operate" the plants of TEI in Elkton, MD. There is no evidence of modifications by the Government to the operational procedures and policies governing munitions manufacturing that were in effect prior to Government operation of the facility. After 1943 the site continued to be operated by TEI until it closed in 1946. A site visit was conducted to an area which was reportedly used for ordnance disposal and burning. This area was reportedly referred to as the "Firehole". The Firehole was located in the northern part of the area formerly owned by TEI. In the 1940's this area was farmland (part of a tract known as the Zeitler Stock and Dairy Farm)."

The Firehole site was visited by CENAB OESS on 6 June 2004. A Risk Assessment Procedures For Military Munitions Response Projects (form ER-200-3-1) was drawn up for the site and the site was rated with a Risk Assessment Code (RAC) score of RAC 1 (II-A). RAC 1 was given because it is the highest rating for a site that is recommended and approved that further action is appropriate, the Hazard Severity is rated as Critical (II) and the Hazard Probability level is rated a Frequent (A).

2.1.3 Potential Ordnance. The MEC types noted and MC contaminated soil determined by analyzing samples collected at the site are related to the manufacturing at the (TEI) facility. Records indicated that the "Firehole" area was used for the disposal of off specification ordnance products. As a minimum, records indicate that the following items were produced at the facility. It is not know if these product numbers include, or are in addition to items and/or components that were disposed of at the Firehole Site:

- 22,057,000 40-mm shells
- 65,000 rifle grenades
- 1,345,000 float lights
- 3,097,000 fuses
- 12,000,000 aircraft signals
- 100,000,000 detonators
- 121,000,000 primer caps
- 647,000 lbs of pentolite
- 2,383,000 incendiary bombs
- 355,000 hand grenades

2.2. CURRENT OWNERSHIP.

The property is currently owned by the MARVA Limited Partnership and the open land is being farmed by a local farmer.

3. 0. SPECIFIC TASKS PRICING ASSUMPTIONS

Elkton Farms Firehole Site is located in agriculture land adjacent to wooded land. All construction work will have to be coordinated with the owner of the property and the farmer who is currently working the property. Activities will be performed so as to minimize disrupting business operations.

Corps of Engineers specifications and health and safety guidelines, as presented in applicable Engineering Manuals/Pamphlets and DIDs shall be strictly adhered to regarding submittals, testing, medical surveillance program, training and Construction Quality Control (CQC). The USEPA has provided their Draft Health and Safety Plan, Elkton Farm Firehole Site (MD-433), Elkton, Maryland that shall be used as a basis for the SSHP.

The following tasks are to be undertaken in the course of the Removal Action for MEC and MC contaminated soil from the Elkton Farms Firehole site.

3.1 TASK 1 – PROJECT WORK PLAN (WP): The Contractor shall review the historical data provided by the USEPA and USACE and prepare a WP based on guidance provided by the CENAB staff. The Contractor shall submit a "Draft" and "Final" version of the WP in accordance with USACE guidelines and discussions with USACE personnel. The Contractor shall include in the project WP, a Health and Safety Plan (HASP), the plan shall include procedures specified under DOD Safety Requirement guidelines. The Explosives Safety Submittal (ESS) for the site will be provided by CENAB. The plans shall be consistent with the standards provided in DID OE-005-01.01 and other DIDs as applicable. The USEPA has provided their Draft Health and Safety Plan, Elkton Farm Firehole Site (MD-433), Elkton, Maryland to be used as the basis for the SSHP and provide immediate site security, utilize guard service (minimum 14 hr. per day, 7 days a week) at the site.

3.2 TASK 2 – FIELD INVESTIGATION AND MEC REMOVAL OPERATIONS:

ORIGINAL

3.2.1 Site Mobilization: The contractor shall mobilize all personnel, material, and equipment to conduct the work specified in this SOW.

3.2.2 Vegetation Removal. The contractor shall remove all vegetation necessary to complete the tasks outlined in this SOW.

3.2.3 Instrument Search and Grid Establishment. Once the limits of the entire site have been established, and utilizing the information provided by the USEPA in the Draft Report Geophysical Surveys To Investigate Surface And Subsurface Conditions At The Elkton Farm Firehole Site (EM-61 geophysical survey), and other geophysical surveys scheduled for the near future, a magnetometer (or other appropriate ferrous or total metals detector) search will be conducted. If available geophysical data is sufficient to establish excavation lists, the contractor will use this information to conduct the search. If geophysical data is not sufficient, the search will be accomplished utilizing the standard unexploded ordnance (UXO) "mag and flag" and or "mag and dig" technique. The entire 170 acres will be sub-divided into 200' grids and/or partials. Each grid will be further subdivided into five-foot sweep lanes marked by ropes or measuring tapes. Each lane will then be swept with the instrument initially on its highest setting. Sensitivity settings may be reduced at the discretion of the CENAB OESS. Subsurface anomalies identified during this sweep will be marked (mag and flag) for later excavation and/or excavated (mag and dig). Unless approved by the CENAB OESS, no flagging or anomaly marking of any type will be left in place at the end of the daily work in any grid.

3.2.3 Intrusive Investigation: The Contractor shall, utilizing UXO qualified personnel as outlined in DID OE-025.01, implement site MEC intrusive investigations as specified in the approved WP. All subsurface anomalies will be exposed using standard hand tools consisting of shovels, rakes, etc. In order to ensure that no items are masked, anomalies will be cleared 100% to the full depth of the plow zone (or 18 inches minimum below ground level). During the course of excavations, the survey instruments will be utilized to ensure that each anomaly is 100% cleared. All excavation sites will be backfilled to grade. It is currently anticipated that the Munition with Greatest Fragmentation Distance (MGFD) will be a 40mm Mk 2 Projectile. Contractor will assume a 1095 foot exclusion zone for this MGFD. In the event that an MEC item is recovered which requires a lager exclusion zone, then this item will become the MGFD and the exclusion zone increased accordingly. Team separation distances will be 200 feet. Per the aforementioned list of potential MEC, there is a potential for bulk explosives to be present in the soil in and around the fire holes. In the event that soil sampling analysis indicates that explosives are present in the soil at hazardous levels, a MCE for explosive soils will be established and handling procedures developed.

3.2.4 MEC Destruction: The contractor shall use approved procedures for destruction of all MEC recovered during field intrusive investigation. Destruction of MEC can be accomplished at one of two locations: in-place or onsite. The decision regarding which technique or location to use is based on the risk involved in employing the disposal operation as determined by site-specific characteristics and the nature of the MEC recovered. Additional information on UXO disposal operations can be found in TM60A-1-1-31, Explosive Ordnance Disposal Procedures.

As a general rule, in-place demolition (blow-in-place) is the preferred technique unless site conditions warrant transport of safe-to-move MEC to an alternate location. The decision to move MEC will be recommended by the UXOQCS, UXOSSO and approved by the CENAB OESS. All detonation-in-place operations shall be in strict compliance with the approved WP. When required, engineering controls will be utilized per USACE guidance.

3.3 TASK 3 – BURN PIT INVESTIGATION AND MEC REMOVAL OPERATIONS: The Contractor shall, utilizing UXO qualified personnel as outlined in DID OE-025.01, implement site MEC intrusive investigations as specified in the approved WP. Areas previously identified as potential burn pits (estimate based on 4 minimum) will be prosecuted by mechanical excavation utilizing equipment that is protective of all onsite personnel as well the equipment operator. All excavated material will be processed through sieve equipment capable of retaining even the smallest component related to the production list as provided in section 2.1.3 Potential Ordnance. Non MEC will be removed from the sieves/screens and the Contractor shall be responsible for the disposal of all munitions debris encountered during site activities, utilizing qualified personnel and in accordance with all governing regulations and aspects of the project WP.

Areas previously identified as potential burn pits (estimate based on 4 minimum) will be prosecuted by mechanical excavation utilizing equipment that is protective of all onsite personnel as well the equipment operator. All excavated material will be processed through sieve equipment capable of retaining even the smallest component related to the production list as provided in section 2.1.3 Potential Ordnance. Non MEC will be removed from the sieves/screens and the Contractor shall be responsible for the disposal of all munitions debris encountered during site activities, utilizing qualified personnel and in accordance with all governing regulations and aspects of the project WP. The Contractor shall describe in the WP the method of disposition for all munitions debris. See also section 3.3.3 Disposal of Munitions Debris regarding disposal of MEC debris. Pending results of soil sample analysis, monitoring may be required during fire hole operations.

3.3.1 Burn Pit MEC Destruction. Per Paragraph 3.2.4 of this SOW and the approved WP, the contractor shall arrange for and dispose of all MEC recovered during Burn Pit excavations.

3.3.2 MEC Accountability. The Contractor shall maintain a detailed accounting of all MEC items/components recovered. This accounting shall include the types and amounts of MEC (including munitions debris), the identification and condition, approximate depth located, disposition and location. The UXOQCS will document and maintain strict accountability of all MEC which has been destroyed. MEC destroyed will be included on the SUXOS and UXOQCS daily report and will be provided to the CENAB OESS for inclusion in the daily QAR.

3.3.3 Disposal of Munitions Debris. The Contractor shall be responsible for the disposal of all munitions debris, including items recovered from on-site detonations, encountered during site activities, utilizing qualified personnel and in accordance with all governing regulations and aspects of the project WP. The Contractor shall describe in the WP the method of disposition for all munitions debris.

All munitions debris shall be disposed of at a foundry and/or recycler where it will be processed through a smelter, shredder or furnace prior to resale or release in accordance with all governing regulations. It is the intent that the munitions debris is disposed of permanently. Disposal in a landfill or to a scrap dealer where it may sit in a scrap pile is unacceptable. The Contractor shall document the transport of the munitions debris and the transfer of the debris to the next responsible party. All munitions debris shall be secured in a lockable container as soon as possible after discovery. All containers shall remain locked until such time as they are delivered to, and signed for by a foundry/recycler representative. The method/location of disposal shall be detailed in the WP. The Contractor shall also include in the WP a written statement from the dealer that the debris will be processed through a smelter, shredder or furnace, prior to resale or release. All non-ordnance related debris shall be placed in a container, provided to the property owner for inspection, and/or disposed of in accordance with proper Federal, state and local requirements.

3.3.4 DD Form 1348-1A. The Contractor shall complete a DD Form 1348-1A as turn-in documentation. The following statement shall be included on the form:

> **"This certifies and verifies that the MPPEH residue, Range Residue, and/or Explosive Contaminated Property listed has been 100 percent properly inspected and to the best of our knowledge and belief, is free of explosive hazards."**

(Note: MPPEH is defined as Material Potentially Presenting an Explosive Hazard. Instructions on completing this form are contained in the Defense Utilization and Disposal Manual, DOD 4160.21-M. The DD 1348-1A shall be signed with dual signatures. The first signature (certifier) shall be the Senior UXO Supervisor (SUXOS). The second signature (verifier) shall be the CENAB OESS.)

3.3.5 Backfilling Excavations. The Contractor shall backfill all burn pits/access/excavation/detonation sites to grade and restore such areas to their prior condition. The backfill material shall be top soil or borrow material obtained from a clean source if existing soil is unsuitable for use. The Contractor shall take the necessary precautions to prevent erosion on the site resulting from intrusive activities. Erosion control methods shall be specified in the WP, e.g., silt fences. Backfill of detonation area and burn pits will be in 8 inch lifts compacted to 95% of Standard Proctor established for the site material, or borrow material supplied.

3.3.7 Quality Control. The Contractor shall develop a Quality Control (QC) Program in accordance with DID OE-005-11.01 that shall ensure a quality product from all aspects of the project. The Contractor shall develop QC procedures and submit those procedures, for all aspects of work, in the project WP. The Contractor shall ensure that documentation is maintained and provided in the Final Report that supports the QC process. In addition to the QC process by the Contractor, the Government shall perform Quality Assurance (QA) on all aspects of work. Anomalies will be excavated to the full depth of the plow zone (18 inches minimum), or full depth of the burn pits. Excavations below burn pit bottoms or detonation sites, for removal of explosives contaminated soil will be approved by the CENAB OESS.

3.6.3 Telephone Conversations/Correspondence Records.

The Contractor shall keep a record of each phone conversation and written correspondence concerning this task order in accordance with DID OE-055.01. A copy of this record shall be attached to the Weekly Status Report.

3.6.4 Project Status Reports.

While performing fieldwork under this task order, the Contractor shall prepare and submit weekly status reports in accordance with DID OE-085.01. The weekly report shall provide summarized cost and performance information and statistical exposure data for program management purposes.

3.7 TASK 7. SITE RESTORATION. Restore the site consistent with the contract and the approved remedial technology; and bring all surfaces back to original grade, paying particular attention to the area adjacent to the small stream that borders the site.

4.0 SUBMITTALS AND CORRESPONDENCE

4.1 FORMAT OF ENGINEERING REPORTS. Engineering Reports presenting all data, analyses, and recommendations shall be prepared and submitted by the Contractor. Any and all reports and/or plans not covered by a specific DID shall be prepared according to the following guidelines. The front cover of the report or plan shall be prepared in accordance with Attachment 1 of DID OE-030.01 and shall bear the following statement in addition to other requirements.

"The views, opinions, and/or findings contained in the report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentations."

The cover shall also denote which version of the report/plan presented (e.g. Draft, Draft Final or Final). All data, including raw analytical and electronic data, generated under this task order are the property of the Department of Defense (DOD) and the government has unlimited rights regarding its use.

4.2 COMPUTER FILES. All final text files generated by the Contractor under this task order shall be furnished to the Contracting Officer in Microsoft Word 6.0 or higher software. Spreadsheets shall be in Microsoft EXCEL. All final CADD drawings shall be in AutoCAD 2002. Any geographic information system GIS data shall be in ESRI (Arcview) format.

4.3 PDF DELIVERABLES. In addition to the paper and digital copies of submittals, the final version of any and all reports and/or plans shall be submitted, uncompressed, on CD ROM in PDF format along with a linked table of contents, linked tables, linked photographs, linked graphs, and linked figures, all of which shall be suitable for viewing on the Internet.

Any work that fails the Government QA process shall be re-worked by the Contractor at no cost to the Government. The Contractor shall provide full documentation to the CENAB PM detailing what failed the QA process, why it failed, and how the problem was corrected. For example, a QA failure would be finding an MEC item in a grid identified by the Contractor as complete, or use of unauthorized instrumentation during the investigative process.

3.4 TASK 4 - SAMPLING & CHEMICAL ANALYSIS: The USEPA will utilize their laboratory Contractor to conduct sampling following its accepted Sampling and Analysis Plan (SAP). The Contractor will be responsible for coordinating with the EPA laboratory in a timely manner and will plot all sample locations on the site map.

The USEPA will assure that their Environmental laboratory services are compliant with the most recently published version of the DOD Quality Systems Manual (QSM) and holding a current NELAP accreditation for all appropriate fields-of-testing. As requested by the COR, the laboratory shall submit, in a timely manner, the self-declaration forms (including supporting documentation), as well as information related to NELAP accreditation. Also, the laboratory will need to possess applicable State Certifications to perform the analytical methods required by this project.

3.5 TASK 5 - PREPARE REPORT. The Contractor shall prepare a project report upon completion of the work. The Contractor shall submit a "Draft", "Draft Final", and "Final" version of the report in accordance with Section 4.0 of this SOW. The "Draft" version of the report shall be sent to the CENAB PM.

3.5.1 MEC Location Maps. Maps shall be created for each burn pit and for the 200' grids that were investigated and shall be included in the report. The map shall contain relevant information for locating and identifying the grid corners or burn pit area within the investigation locations. Standard Global Positioning System (GPS); location of grid corners and outer edges of burn pits shall be established. Photographs shall be taken of significant MEC items recovered and burn pits as deemed necessary by the PM. At a minimum each burn pit will have a before and after photograph.

3.6 TASK 6 - PROJECT MANAGEMENT. The Contractor shall perform project management activities necessary to maintain project control, including but not limited to the following:

3.6.1 Schedule.

The Contractor shall submit a proposed Project Schedule in Microsoft Project or PRIMAVERA. The schedule shall be adjusted and refined in accordance with discussions with CENAB personnel. A final schedule shall be submitted a minimum of 3 days before commencing fieldwork. The Contractor shall update the schedule in accordance with DID OE-085.01 Weekly Status Report.

3.6.2 Reports/Minutes, Record of Meetings.

The Contractor shall prepare and submit a report/minutes of each meeting attended in accordance with DID OE-045.01.

4.4 REVIEW COMMENTS. Various reviewers will have the opportunity to review submittals made by the Contractor under this contract. The Contractor shall review all comments received through the CENAB PM and evaluate their appropriateness based upon their merit and the requirements of the SOW. The Contractor shall issue to the CENAB PM a formal, annotated response to each comment in accordance with the established schedule in this SOW. In the event the Contractor does not concur with a comment, the issue shall be discussed with the CENAB PM. If the PM is not available, then the Contractor shall contact the Contracting Officers Representative (COR).

4.5 PUBLIC AFFAIRS. The Contractor shall not publicly disclose any data generated or reviewed under this contract. The Contractor shall refer all requests for information concerning site conditions to the USEPA OSC, Charles Fitzsimmons, with a copy furnished to the CENAB PM. Reports and data generated under this contract are the property of the DOD and distribution to any other source by the Contractor is strictly prohibited, unless authorized in writing by the Contracting Officer.

4.6 SUBMITTALS. The Contractor shall submit copies of the plans, maps, and reports as identified in this SOW, to each addressee listed below in the quantities indicated. The Contractor shall submit one copy on CD with each copy of the Final versions of all submittals (WPs, Reports, Plans, etc.) in accordance with Section 4.2. The Contractor shall submit one copy on CD of the final versions of all submittals (WPs, Reports, Plans, etc.) in accordance with Section 4.3. For purposes of this SOW all days are considered calendar days.

ADDRESSEE	COPIES
U.S. Army Corps of Engineers Environmental Remediation Resident Office (ERRO) ATTN: CENAB-C0F-ER (Mr. Steven Bowers) P.O. Box 56 Gunpowder Branch Aberdeen Proving Ground, MD 21010-0056	10

4.7 DELIVERABLES

SUBMITTAL	DUE DATES
Proposed schedule	2 days after award
Draft Work Plan	2 weeks after award
Final Work Plan	3 days after receipt of review comments
Begin Field Activities	3 days after Final WP approved
Draft Report	3 weeks after field activities complete
Draft Final Report	1 week after receipt of review comments
Final Report	1 week after backcheck comments received

5.0 INVESTIGATION REFERENCES

5.1 DATA ITEM DESCRIPTIONS. The Data Item Descriptions that are part of this contract are available at the following URL: http://www.hnd.usace.army.mil/oew/

ORIGINAL

5.2 RIGHTS-OF-ENTRY. The USEPA On Scene Coordinator shall obtain Rights-of-Entry (ROE) from the property owners for access to the project site and for project activities.

5.3 SITE LOCATIONS. The Baltimore District will provide the Contractor with the locations of the burn pits and the limits of the area to be investigated under this SOW after award of the task order. Burn pit location information has been provided by the USEPA in the Draft Report Geophysical Surveys To Investigate Surface And Subsurface Conditions At The Elkton Farm Firehole Site (EM-61 geophysical survey).

6.0 COORDINATION WITH GOVERNMENT LABORATORY. The Contractor must provide coordination with the USEPA Contract Laboratory for sampling and analysis in areas of MEC destruction and in the burn pits area prior to and following the removal of explosives contaminated soil.

6.1 GOVERNMENT QA LAB. The Contractor shall coordinate with the USEPA Laboratory to provide the Government QA laboratory a minimum of two weeks notice of sample shipment, unless an alternate notification requirement is proposed and accepted by the Contracting Officer. All QA sample handling and custody requirements will be administered by USEPA Contractor similar to environmental samples. The QA samples shall be sent to the Environmental Chemistry Branch (ECB) Laboratory shown below, by overnight delivery, for Governmental contract compliance monitoring. The USEPA Contractor laboratory will be notified to use the below named Government QA laboratory.

U.S. Army Corps of Engineers
Environmental Chemistry Branch Laboratory (ECB)
ATTN: (Ms. Laura Percifield)
420 South 18th Street
Omaha, NE 68102
Telephone: (402) 444-4313

6.2 CHAIN OF CUSTODY. The Contractor shall be responsible for inscribing the Project ID "LIMS #" onto the labels and chain-of-custody records for all QA samples shipped to ECB Laboratory. The Contractor shall coordinate with the CENAB Project Chemist to acquire LIMS #. Contractor laboratory data, to include results of the parent samples, field control samples and associated laboratory QC shall be provided to the QA laboratory and CENAB per the submittal schedule for QA evaluation. QA samples may also be sent to another commercial laboratory validated by the CX which is chosen by the CENAB Project Chemist.

6.4 DATA VALIDATION. The Contractor shall have an independent third-party firm to perform the data validation. The validation shall be performed consistent with the EPA Validation and Data Quality objectives. The data validation reports should address review of the results and data qualifiers of laboratory/field QC and primary field samples. Persons performing the data validation shall have a minimum of 10 years experience plus directly relatable laboratory experience coupled with two years data review and two years data validation experience in accordance with current guidelines.

ORIGINAL

6.5 OTHER COSTS ASSUMPTIONS.

6.5.1. The Contractor shall assume 4 burn pits.

6.5.2. The schedule is based on the Contractor's proposed productivity.

6.5.5. Additional sampling shall only be conducted if required by the EPA, MDE or other regulatory authority. The CENAB PM will inform the Contractor if additional sampling is to be conducted. Unless otherwise directed by CENAB PM, samples shall only be analyzed for explosives and metals. No perchlorate analysis shall be performed unless authorized by the USEPA and directed by the CENAB PM.

7.0 CONTACTS. The CENAB PM is Lester Craig Maurer at (410) 671-6003, who is also the point of contact (POC) for this Scope of Work. The CENAB Contracting Officer's Representative is Steven Bowers, Resident Engineer, Environmental Remediation Resident Office at (410) 671-6003. The CENAB Design Team Leader is John Brzezenski Hazardous, Toxic, and Radioactive Waste Branch at (410) 962-0030. The USACE OE Safety Specialist is Paul Greene, Hazardous, Toxic, and Radioactive Waste Branch at (410) 962-6741.

8.0 PAYMENTS. Requests for payment shall be submitted on ENG Form 93 along with a monthly report describing the progress of work for each billing period. The ENG Form 93 shall be submitted directly to the Contracting Officers Representative (COR):

U.S. Army Corps of Engineers
Environmental Remediation Resident Office (ERRO)
ATTN: CENAB-C0F-ER (Mr. Steven Bowers)
P.O. Box 56 Gunpowder Branch
Aberdeen Proving Ground, MD 21010-0056